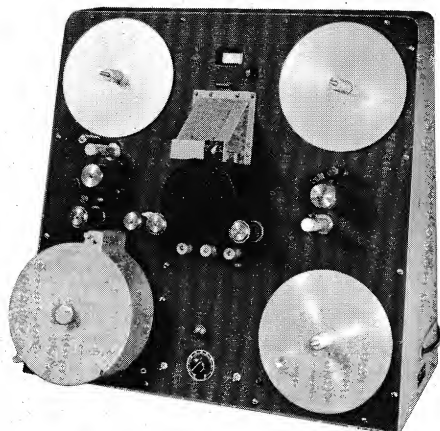


THE NEW MODEL PD302 16 mm, 35 mm and 70 mm CONTINUOUS ROLL CONTACT PRINTER



WITH CONSTANT SPEED AND VARIABLE LIGHT SOURCE

The PD302 CONTINUOUS ROLL CONTACT PRINTER has been designed to produce the most EVEN ILLUMINATION coupled to the HIGHEST RESOLUTION possible.

To achieve this purpose, a completely new concept of film drive has been developed.

SPECIFICATIONS

1. **FILM SIZE:** 16 mm, 35 mm and 70 mm film.
2. **FILM CAPACITY:** Up to 1,000 feet (positive and negative).
3. **PRINTING SPEED:** 90 feet per minute.
4. **FILM DRIVE:** Constant speed D.C. motor.
5. **LIGHT SOURCE:** High intensity point source with proper condenser to produce parallel light beams at the printing slot.
6. **PRINTING SLOT:** Continuously adjustable from 0 to 1/2" maximum.
7. **PRINTING DRUM:** 6" diameter, dynamically balanced, with antihalation printing surface.
8. **POSITIVE FILM MAGAZINE:** Completely light proof, so that white light can be turned on in printing room between printing operations with a minimum of loss of fogged film. Rotary light trap on magazine prevents abrasions or scratches of positive film stock.
9. **FILM TAKE UP:** Specially constructed torque motors take up the positive and negative film with constant tension regardless of amount of film on the take up spindle.
10. **FILM SPINDLES:** Both the negative and positive film spindles are arranged to take either conventional film spools or plastic cores as furnished by the film manufacturers.
11. **PD302 CONTINUOUS ROLL CONTACT PRINTER** will duplicate non perforate, single perforate or double perforate microfilm as a standard unit.
12. **DIMENSIONS:** 29" high x 30 1/2" wide x 13 1/2" deep; weight: 145 pounds

This drive, from motor to film drive spindle, is completely smooth flowing, without gears or sprockets, and utilizes a constant tension takeup on the positive and negative spindles, regardless whether one foot or a thousand feet of film have been rewound.

OPTIONAL ATTACHMENTS

- A. **SPROCKET PRINTING DRUM FOR MOTION PICTURE AND VISUAL AIDS** — 16 MM, 35 MM or 70 MM single or double perforate film. A special high accuracy sprocket drum is required for each size and kind of film to insure accurate sprocket hole line up on the positive film after printing.
- B. **LOOP PRINTING ATTACHMENT** This attachment is available on order for varying sizes of loops from a 8 foot minimum to a 100 foot maximum. Please specify maximum and minimum loop size when ordering.
- C. **LIGHT CHANGE BOARD.** Automatic light change board can be furnished and the printer equipped with proper actuating switch so that the film can be preinspected and notched to automatically change printing light intensity for best background density.
- D. The Printer can be equipped with a **HIGH ACTINIC MERCURY VAPOR LIGHT SOURCE**, and the printing speed reduced to 25 feet per minute for the purpose of printing MICROPRINT paper.
- E. **AUXILIARY PRINTING TABLE.** A metal work table with folding work surfaces can be furnished to accommodate the model PD302 CONTINUOUS ROLL CONTACT PRINTER. This table is equipped with locking casters so that it can be moved easily around, and provides all the necessary work area and storage space for convenient and easy production work.

LIST PRICE: \$2,450.00, F.O.B., Rochester, N. Y., uncrated.

Prices and Specifications Subject to Change without Notice.

DISTRIBUTED BY:

PHOTO DEVICES INCORPORATED

— 33 LITCHFIELD STREET, ROCHESTER, NEW YORK 14608 —

Printed in USA Form No. 62A1B113

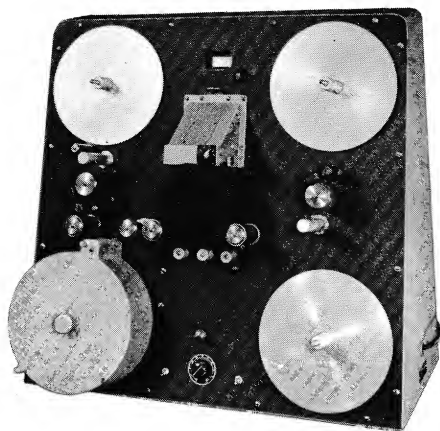


PHOTO DEVICES PD302X

16 mm, 35 mm and 70 mm

CONTINUOUS ROLL

CONTACT PRINTER

**With Variable Speed
and Dual Light Source**

The PD302X CONTINUOUS ROLL CONTACT PRINTER has been designed to produce the most EVEN ILLUMINATION coupled to the HIGHEST RESOLUTION possible.

To achieve this purpose, a completely new concept of film drive has been developed.

SPECIFICATIONS

1. **FILM SIZE:** 16 mm, 35 mm and 70 mm film.
2. **FILM CAPACITY:** Up to 1,000 feet (positive and negative).
3. **PRINTING SPEED:** Variable from 15 ft. to 90 ft. per minute.
4. **FILM DRIVE:** Constant speed D.C. motor with Thyatron variable speed drive.
5. **LIGHT SOURCE:** High intensity point source and high actinic mercury vapor lamp, with proper condenser, to produce parallel light beams at the printing slot.
6. **PRINTING SLOT:** Continuously adjustable from 0 to 1/2" maximum.
7. **PRINTING DRUM:** 6" diameter, dynamically balanced, with antihalation printing surface.
8. **POSITIVE FILM MAGAZINE:** Completely light proof, so that white light can be turned on in printing room between printing operations with a minimum of loss of fogged film. Rotary light trap on magazine prevents abrasions or scratches of positive film stock.
9. **FILM TAKE UP:** Specially constructed torque motors take up the positive and negative film with constant tension regardless of amount of film on the take up spindle.
10. **FILM SPINDLES:** Both the negative and positive film spindles are arranged to take either conventional film spools or plastic cores as furnished by the film manufacturers.
11. **PD302X CONTINUOUS ROLL CONTACT PRINTER** will accommodate all types of print film; also papers from MICROPRINT PAPER through PORTRAIT-PROOF, KODACOLOR, PRINTON and all types of BROMIDE or CHLOROBROMIDE PAPERS in 100 ft. reels, or 1,000 ft. spools, single weight.
12. **DIMENSIONS:** 29" high x 30 1/2" wide x 13 1/2" deep; weight: 145 pounds

This drive, from motor to film drive spindle, is completely smooth flowing, without gears or sprockets, and utilizes a constant tension take-up on the positive and negative spindles, regardless whether one foot or a thousand feet of film have been rewound.

OPTIONAL ATTACHMENTS

- A. **SPROCKET PRINTING DRUM FOR 16 MM, 35 MM or 70 MM** single or double perforate film. A special high accuracy sprocket drum is required for each size and kind of film to insure accurate sprocket hole line up on the positive film after printing.
- B. **LOOP PRINTING ATTACHMENT** This attachment is available on order for varying sizes of loops from an 8 foot minimum to a 100 foot maximum. Please specify maximum and minimum loop size when ordering.
- C. **LIGHT CHANGE BOARD.** Automatic light change board can be furnished and the printer equipped with proper actuating switch so that the film can be preinspected and notched to automatically change printing light intensity for best background density.
- D. **AUXILIARY PRINTING TABLE.** A metal work table with folding work surfaces can be furnished to accommodate the model PD302X CONTINUOUS ROLL CONTACT PRINTER. This table is equipped with locking casters so that it can be moved easily around, and provides all the necessary work area and storage space for convenient and easy production work.

LIST PRICE: \$2,925.00 F.O.B. Rochester, N.Y. uncrated.

PHOTO DEVICES INCORPORATED

— 33 LITCHFIELD STREET, ROCHESTER, NEW YORK 14608 —